

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is [victor.frank@sri.com](mailto:victor.frank@sri.com). I have a web site that hasn't been updated in a long time for various classes I took at <http://www.qsl.net/k6fv>. The bulletin may be freely quoted, provided that credit is given.

## DX Operations

Most of the listings in this column came from SM7AED's notebook and SMIRK. Chris Patterson, W3CMP, made a survey (probably amongst Europeans, as this came from UKSMG) for the most wanted Northern and Central American countries on 6m. The top ten are: J7, KP1, KP5, CY0, PJ5,7,8, HK0, J3, KG4, VP9, and XF4.

**Antarctic, EM1U/EM1UA:** Roman indicates he is monitoring 50.110 every day, and 28.885 between 1200-1800Z.

**Amsterdam Is., FT1Z:** Sebastien got his license October 31 and will be active for one year on AO-40 and LEOs from MF81TX. He also plans 50 MHz & HF activity as soon as the French laws permit (he has a no-code license).

**Maldives, 8Q7JE:** JE1NCP will operate from here on HF & 6m from November 13-25, and operate a 6m beacon on 50.105 MHz. Equipment will be a 5 el Yagi and 100W.

**Europa Island, FR:** Word as of 10/24 is that the group of French military operators will board ship Nov 17 to reach Europa (AF-009) November 24, then QRT about December 15 and back to Reunion Is. Europa is a small island that is part of the DXCC entity Europa & Juan de Nova. They hope to have 3 stations in operations on 160-6m, with FT100D and 4 el beam for a 24h/day breakable beacon on 6m.

**Syria, YK1AO:** has a 6m antenna to put up and hopes to be active in December.

**Eritrea, E3:** Five British operators will make up a DXpedition team planning operation with three high power stations on 160-6m in mid February 2004. Operations will take place from the Nyala Hotel in Asmara, used by several previous successful DXpeditions. For 6m they will use a 5 el Yagi.

**Tunisia, TS7N:** will be QRV from Kerkennah Islands (AF-073) from November 19-December 1. Andy, DL9USA, obtained the first and only official license for 6m there.

**Annonbon Island, 3C0V:** They worked a number of Europeans on 6m on October 2, and then, despite their having obtained civilian authorization documents, their operation was cut short on October 3 by order from the military to leave on the first available transport (a Russian cargo carrier).

**Saint Martin, FS/:** A group of W2s return to French St.

Martin December 3-10. They plan to have a air of stations on 160m through 6m and a 6m beacon before the operation ends. Outside the ARRL 160m contest, they will use FS/their own callsigns.

Also, from last month, Pete, VA3RA - VE3IKV is planning a trip to the island November 8-15 and inquired about F2 or TEP propagation to that area during that time period. If it looked promising, he wrote that he would bring his Yaesu FT-650 and 1/4 wave mobile antenna.

**Haiti, 4V200YH:** A group of DLs plan to operate from NA-096 with three stations on 160-6m from January 28-February 15. See <http://www.qsl.net/dl7cm/haiti2.htm>.

**Galapagos, HC8N:** Jon, NOJK, and a group going here for the CQ WW CW contest should be active November 24-December 1.

**Eastern Pacific:** Louie, HP3XUG, writes of a planned ocean trip from San Diego to Panama after November 1 until December 3-4. If antennas, etc. work out, he plans to give out wet grid squares on 6m, 2m, and 70 cms.

**Marshall Is., V73NS:** Neil is still active between 1700-1840Z and 0300-0500Z on HF and said to be getting more active on 6m from RJ39.

**Micronesia, V63PF & V63WC:** Cal, WF5W, and Paul, W5PF, plan to be on Yap Is. (OC-012) from November 22-29. They will have two 100W radios, and plan operation on 40-6m. They have a 2 el. SteppIR Yagi for 20-6m.

**Palau, T88:** JK1FNN and 7L1MKM will operate as T88HA and T88MY from December 28 to January 4.

## Six Meters Resuscitated

One of the most powerful solar flares recorded erupted the morning of October 28 near giant sunspot 486. The explosion hurled a coronal mass ejection (CME) directly toward Earth. The solar event was three hours long and left the sun at 1200 to 2000 km per second, with a predicted arrival at Earth as early as October 29 1600Z and as late as October 30 0200Z. At 0400Z on the 30th the a Solar Flux Index was 279, A = 180, and K = 7.

Although TransEquatorial Propagation (TEP) had been reported throughout the month by stations close enough to the geomagnetic equator (Southern USA, for instance), and aurora was also reported by stations close enough to the polar regions (Northern USA and Europe, for instance), the solar event on the 29th-30th brought widespread 6m openings to Europe and Middle USA. The strongest and most widespread were between locations in the northern hemisphere, for instance, Western USA to KH6 and KL7s. Backscatter and Sporadic E were also prevalent, for instance JAs were worked from western USA via backscatter from the West and SouthWest. ZLs and VKs were also in, but the hoped-for islands of the middle Southern Pacific were illusive. Lack of activity or propagation?

# October 03 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of JA1VOK, G4UPS, VE7SKA, W5UWB, XE2HWB, K6QXY, JH1WHS and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 2003. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=JT44, P=PSK31, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

## Reports of Africa

### Annonibon Is.

10021426 3C0V 57	50.120 W 5B4FL
10021500 3C0V 59 #225	50.120 W SV1DH
10021502 3C0V WEAK	50.120 EA7KW
10021513 3C0V VY WEAK	50.120 W IK0PTA
10021524 3C0V 59 >JN78	50.120 IW9CER
10021525 3C0V 59 59-JN83FB	50.120 9A6R
10021530 3C0V JI2BPN 57	50.120 5B4FL
10021530 3C0V STRONG	50.120 5B4FL
10021530 3C0V 55->NS9	50.120 DL7Y
10021610 3C0V 57-59-KM17	50.120 V1LHP
10021612 3C0V YES	50.120 IK0VAQ
10021705 3C0V W8AK	50.120 EA7KW
10022012 3C0V CO CO	50.120 EA7KW
10022016 3C0V CO CO SSB	50.120 IT9RZ
10022021 3C0V LOW	50.120 IK8HJC
10022039 3C0V	50.110 CT3DL

### ASCENSION IS.

10011431 2D8VHF 529 UNUSUAL TIME	B SV1DH
10011954 2D8VHF 519	50.032 B SV1DH
10011957 2D8VHF 529	50.032 B 9H1TX
10012004 2D8VHF	50.032 B I0JX
10012029 2D8VHF 579	50.032 B EH3LL
10012032 2D8VHF 57	50.032 B EA5AGR
10012211 2D8VHF S6	50.032 B PY1RO
10042216 2D8VHF	50.032 B PY1RO
10042217 2D8VHF 529	50.032 B S9H
10051954 2D8VHF 419	50.032 B SV1DH
10061944 2D8VHF 519	50.032 B SV1DH
10062117 2D8VHF 559	50.032 B 9H1TX
10101952 2D8VHF 519	50.032 B SV1DH
10152225 2D8VHF 559 >FK90	50.032 B 9Y4AT
10172105 2D8VHF	50.032 B EA7KW
10232014 2D8VHF 419	50.032 B SV1DH
10291112 2DSIX 519 FLUTTER >I070	B G8BCG

### BENIN

10171655 TY5ZR CO	50.115 IKBDYD
10251115 TY5ZR EU/EU QRM	50.110 G4FUF

### CANARY IS.

10182055 EH8JF CW	50.110 PY2RO
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### CAPE VERDE IS.

10240029 D44TD 55>F107	50.110 HC2FG
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### CEUTA & MELILLA

10181907 EH9IB 58	50.110 PY1RO
11011016 EH9IB 59 IM85>JN59	50.117 DL7QY

### CHAGOS ARCHIPELAGO

10091515 VQ8LA CO WEAK	50.110 5B4FL
10101630 VQ8LA 559	50.111 5B4FL

### GABON

10041444 TR0A 579	50.048 EA7KW
10041445 TR0A 85	50.048 B PY1RO
10034456 TR0A 579>JN53	50.049 B I0V5HN
10032016 TR0A 529	50.048 B EA7KW
10041317 TR0A 419	50.049 B SV1DH
10041449 TR0A 419>JN53	50.049 B I0WDHN
10041627 TR0A 529	50.049 B MW1MFY
10061548 TR0A 539	50.049 B 9H1TX
10111317 TR0A 519>JN61	50.048 B IK0PTA
10111432 TR0A 419>IN94	50.049 B F6FHP
10111627 TR8CA 579	50.110 EA7KW
10111629 TR8CA 41	50.110 9H1TX
10111631 TR8CA J340 > IM86	50.110 EA7CU
10111713 TR8CA ALAIN	50.110 W CNBNK

10121311 TR0A S2 >JN53	50.048 B IK5YJY
10121319 TR0A 519>JN61	50.048 B IK0PTA
10121353 TR0A WEAK	50.049 B F6FHP
10171428 TR0A 539	50.048 B EA7KW
10171431 TR0A 519	50.048 B SV1DH
10171453 TR0A 559>JN61	50.048 B IK0PTA
10181434 TR0A 519	50.048 B SV1DH
10181435 TR0A 519	50.048 B MW1MFY
10231436 TR0A 419	50.048 B SV1DH
10231556 TR0A 529>JN61	50.048 B IK0PTA
10231600 TR0A 559 DEEP QSB	50.049 B SV1DH
10231629 TR0A 529>JM49OH	50.049 B ISOQX
10232004 TR0A 519	50.049 B SV1DH
10241227 TR0A S1 >JN53	50.048 B IK5YJY
10241232 TR0A 419	50.049 B SV1DH
10241233 TR0A 519>JN81	50.049 B MW1MFY
10291057 TR8A 559 W/ JN61	50.049 B PA2K
10291058 TR0A 559	50.048 B G8BCG
10291103 TR0A 559 >I091	50.049 B G4RGK
10291107 TR0A 529 J340>JN78	50.049 B OESMPL
10301015 TR0A 319	50.049 B 9H1TX
10031110 TR0A 519	50.048 B IW0GPN
10301245 TR8CA 52	50.110 9H1TX
10301458 TR0A S2 >JN53	50.049 B IK5YJY
10301524 TR0A 559 JN61	50.048 B IK0PTA
10301559 TR8CA CO CO	50.110 EA7KW
10301621 TR0A 519 QSB IN96	50.048 B PGTR
10301929 TR8CA 519	50.110 CN8LJ
10301932 TR8CA 519	50.110 EA5AGR
10302033 TR0A 519	50.048 B EA7KW

10012033 ZS6NK CO 519	50.111 SV1DH
10012037 ZS6NK CO 519	50.111 EA7KW
10012040 ZS6TMB 411	50.110 EA7KW
10012043 ZS6ZMB 599	50.110 EA7KW
10012046 ZS6TMB 559	50.110 EA7KW
10014704 ZS6GVD CO	50.110 EA7KW
10014707 ZS6ZMB 559	50.110 EA7KW
10014827 ZS6NPK 519	50.111 EA7KW
10014834 ZS6NPK 519	50.111 EA7KW
10014841 ZS6NPK 519	50.111 EA7KW
10014848 ZS6NPK 519	50.111 EA7KW
10014855 ZS6NPK 519	50.111 EA7KW
10014862 ZS6NPK 519	50.111 EA7KW
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10014876 ZS6NPK 519	50.111 EA7KW
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10014897 ZS6NPK 519	50.111 EA7KW
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10015808 ZS6NPK 519	50.111 EA7KW
10015815 ZS6NPK 519	50.111 EA7KW
10015822 ZS6NPK 519	50.111 EA7KW
1001	

## Reports of Europe

Reports of Europe									
INDIA		ALAND IS.		ESTONIA		GERMANY		ITALY	
10070942 VU2ZAP F6 SIGS	50.111 W PE1M2ZS	10282152 OH0RJ 559/559 JP90XI AUEs	C G4UPS	10081013 ES0SIX 519+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10070942 VU2ZAP F6 SIGS
10070945 VU2ZAP 59+ MK82	50.110 G4UPU	50.100 SV1DH		10241550 ES2RW 59A CQ	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10070945 VU2ZAP 59+ MK82
10091122 VU2ZAP 59	50.110 VR2XMT	50.100 VR2XMT		10282148 ES2RW 589/589 K029N1>IO80JV	C G4UPS	10071456 ES2RW 59A CQ	50.096	125VA	10091122 VU2ZAP 59
101191203 VU2ZAP CQ SSB	50.110 C G4UPU	50.110 C G4UPU		10282150 ES2RW 589/589 IO93>IO80JV	C G4UPS	10071457 ES2RW 59A CQ	50.096	125VA	101191203 VU2ZAP CQ SSB
10250810 VU2ZAP 59	50.110 VR2XMT	50.110 VR2XMT		10291555 OH0RJ 30	B 02ZJX	10071458 ES2RW 59A CQ	50.096	125VA	10250810 VU2ZAP 59
11101526 VU2ZAP W/ KG6DX	50.110 VR2XMT	50.110 VR2XMT		10292115 OH0RJ CQ	B PA2V	10071459 ES2RW 59A CQ	50.096	125VA	11101526 VU2ZAP W/ KG6DX
11101213 VU2ZAP CQ SSB	50.110 VR2XMT			10292115 OH0RJ CQ	B PA2V	10071460 ES2RW 59A CQ	50.096	125VA	11101213 VU2ZAP CQ SSB
JAPAN		AUSTRIA		ESTONIA		GERMANY		ITALY	
10160415 JH1LSK	50.120 VK3AMK	10041302 055XBL W/ 9H	50.130 DJ6RN	10081013 ES0SIX 519+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10160415 JH1LSK
10220046 JAH7EWK 59/59+>BK29	50.110 NH7RQK	10071042 OH0RJ 59	50.130 G8BCG	10241550 ES2RW 59A CQ	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10220046 JAH7EWK 59/59+>BK29
10220409 JAH6VW 519 >PM37	50.017 B H1LLTC	10071101 OH0RJ 579>IO93	50.058 B G1LNU	10282148 ES2RW 589/589 K029N1>IO80JV	C G4UPS	10071457 ES2RW 59A CQ	50.096	125VA	10220409 JAH6VW 519 >PM37
10230132 JA6JDK 529	50.110 PY1RC	10071109 OH0RJ 59+>IO93	50.150 H G1LNU	10282150 ES2RW 589/589 IO93>IO80JV	C G4UPS	10071458 ES2RW 59A CQ	50.096	125VA	10230132 JA6JDK 529
10230134 JA6JDK CW PL47	50.110 PPI1Z	10261037 OH0BGMG 59/59 JN77JE	FRED S G4UPS	10291555 OH0RJ 30	B 02ZJX	10071459 ES2RW 59A CQ	50.096	125VA	10230134 JA6JDK CW PL47
10230142 JS6CDB CW	50.110 PPI1Z			10292115 OH0RJ CQ	B PA2V	10071460 ES2RW 59A CQ	50.096	125VA	10230142 JS6CDB CW
10232038 JS6CDB 55 CQ	50.110 LU2N1			10292115 OH0RJ CQ	B PA2V	10071461 ES2RW 59A CQ	50.096	125VA	10232038 JS6CDB 55 CQ
11010755 JR6PMW/6 569	50.110 584FL			10292115 OH0RJ CQ	B PA2V	10071462 ES2RW 59A CQ	50.096	125VA	11010755 JR6PMW/6 569
11011237 JR4PMW/6	50.110 VR2KW			10292115 OH0RJ CQ	B PA2V	10071463 ES2RW 59A CQ	50.096	125VA	11011237 JR4PMW/6
KAMPUCHEA (CAMBODIA)		BELGIUM		ESTONIA		GERMANY		ITALY	
10030900 UX7ACD	>PM64	50.110 C JASCMO		10081013 ES0SIX 519+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10030900 UX7ACD
10040925 UX7ACD CQ	50.126 HL2FDT	10071407 OH0RJ 44A CW >IO80JV	50.230 W OH1JCS	10081012 OH0RJ 59+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10040925 UX7ACD CQ
10050805 UX7ACD CW CQ	50.110 HL2FDT	10082156 OH0RJ 59A/55A JO11JD	H G4UPS	10081022 OH0RJ 59+>IO53	B E1730	10071457 ES2RW 59A CQ	50.096	125VA	10050805 UX7ACD CW CQ
10170555 UX7ACD 59	50.110 DS1GOS	10071109 OH0RJ 330 J011LF	50.094 9A4K	10081045 OH0RJ 59+>IO53	B E1730	10071458 ES2RW 59A CQ	50.096	125VA	10170555 UX7ACD 59
10170556 UX7ACD 59	50.110 DS1GOS	10071109 OH0RJ 340 J020KQ	50.090 9A4K	10302021 OH0RJ 59+>IO53	B E1730	10071459 ES2RW 59A CQ	50.096	125VA	10170556 UX7ACD 59
10170557 UX7ACD 59	50.110 DS1GOS	10101205 OH0RJ 59/59 QSB	50.200 CN8L1	10302029 OH0RJ 59+>IO53	B E1730	10071460 ES2RW 59A CQ	50.096	125VA	10170557 UX7ACD 59
10170558 UX7ACD 59	50.110 DS1GOS	10101207 OH0RJ 59A/55A CQ	50.115 CN8L1	10301913 OH0RJ 59+>IO53	B E1730	10071461 ES2RW 59A CQ	50.096	125VA	10170558 UX7ACD 59
KOREA,S.		BULGARIA		ESTONIA		GERMANY		ITALY	
10110629 DS1QGS W/ YC1MH 200*	50.120 JG3LEB	10070942 OH0RJ 59+>IO21	50.106 9A5E	10081012 OH0RJ 59+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10110629 DS1QGS W/ YC1MH 200*
10160906 HL1LTC CQ	50.110 H JA1VOK	10071140 OH0RJ 59+>IO31TO	50.105 D67K	10081022 OH0RJ 59+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10160906 HL1LTC CQ
10160911 HL1LTC LOUD	50.110 JR2HCB	10071141 OH0RJ 579 ZL2RZ	50.105 PE1MZS	10081023 OH0RJ 59+>IO53	B E1730	10071457 ES2RW 59A CQ	50.096	125VA	10160911 HL1LTC LOUD
10210321 HL1LTC SSB	50.110 H JA1VOK	10071142 OH0RJ 579 ZL2RZ	50.105 PE1MZS	10081044 OH0RJ 59+>IO53	B E1730	10071458 ES2RW 59A CQ	50.096	125VA	10210321 HL1LTC SSB
10110030 9K2DHB SSB CQ	50.110 HL1LTC	10071142 OH0RJ 579 ZL2RZ	50.105 PE1MZS	10081045 OH0RJ 59+>IO53	B E1730	10071459 ES2RW 59A CQ	50.096	125VA	10110030 9K2DHB SSB CQ
11010100 HL1LTC 42 PM87	50.110 NH7RQ	10071143 OH0RJ 59+>IO53	50.105 D67K	10081046 OH0RJ 59+>IO53	B E1730	10071460 ES2RW 59A CQ	50.096	125VA	11010100 HL1LTC 42 PM87
11010100 HL1LTC PM87 42	50.110 NH7RQ	10071144 OH0RJ 59+>IO53	50.105 D67K	10081047 OH0RJ 59+>IO53	B E1730	10071461 ES2RW 59A CQ	50.096	125VA	11010100 HL1LTC PM87 42
10110022 DS1QCU CW CQ	50.105 HL2FDT	10071145 OH0RJ 59+>IO53	50.105 D67K	10081048 OH0RJ 59+>IO53	B E1730	10071462 ES2RW 59A CQ	50.096	125VA	10110022 DS1QCU CW CQ
10110029 DS1QCU CW CQ	50.110 DS1CUC	10071146 OH0RJ 59+>IO53	50.105 D67K	10081049 OH0RJ 59+>IO53	B E1730	10071463 ES2RW 59A CQ	50.096	125VA	10110029 DS1QCU CW CQ
MALAYSIA, WEST		CAPRI		ESTONIA		GERMANY		ITALY	
10030423 9K2TQ 539+>PM85	50.005 B J2R2HB	10191024 IC8CQF CQ QN CW	50.103 IK8DYD	10081012 OH0RJ 59+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10030423 9K2TQ 539+>PM85
10030759 9K2TQ 539+>PM85	50.005 B J2R2HB	10191027 IC8CQX 339 ->IO53	H G4UPS	10081012 OH0RJ 59+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10030759 9K2TQ 539+>PM85
10040431 9K2TQ 539	50.005 B J2R2HB			10071211 OH0RJ 59+>IO53	B E1730	10071457 ES2RW 59A CQ	50.096	125VA	10040431 9K2TQ 539
10050702 9K2TQ 539	50.005 B J2R2HB			10071212 OH0RJ 59+>IO53	B E1730	10071458 ES2RW 59A CQ	50.096	125VA	10050702 9K2TQ 539
10060611 9K2TQ 539	50.005 B J2R2HB			10071213 OH0RJ 59+>IO53	B E1730	10071459 ES2RW 59A CQ	50.096	125VA	10060611 9K2TQ 539
10120720 9K2TQ 539	50.005 B J2R2HB			10071214 OH0RJ 59+>IO53	B E1730	10071460 ES2RW 59A CQ	50.096	125VA	10120720 9K2TQ 539
10120747 9K2TQ/JR1WZI CW	50.105 J4B5GQ			10071215 OH0RJ 59+>IO53	B E1730	10071461 ES2RW 59A CQ	50.096	125VA	10120747 9K2TQ/JR1WZI CW
10120750 9K2TQ/JR1WZI CW	50.105 J4B5GQ			10071216 OH0RJ 59+>IO53	B E1730	10071462 ES2RW 59A CQ	50.096	125VA	10120750 9K2TQ/JR1WZI CW
10130713 9K2TQ 53 Q	50.120 JG3LEB			10071217 OH0RJ 59+>IO53	B E1730	10071463 ES2RW 59A CQ	50.096	125VA	10130713 9K2TQ 53 Q
10130718 9K2TQ 53 Q	50.120 JG3LEB			10071218 OH0RJ 59+>IO53	B E1730	10071464 ES2RW 59A CQ	50.096	125VA	10130718 9K2TQ 53 Q
10260944 9K2TQ	>PM64	50.115 C J4H4DV		10071219 OH0RJ 59+>IO53	B E1730	10071465 ES2RW 59A CQ	50.096	125VA	10260944 9K2TQ
10270249 9K2TQ	>PM64	50.005 B JA1VOK		10071220 OH0RJ 59+>IO53	B E1730	10071466 ES2RW 59A CQ	50.096	125VA	10270249 9K2TQ
10300810 9K2TQ 53 Q	50.005 B JA1VOK			10071221 OH0RJ 59+>IO53	B E1730	10071467 ES2RW 59A CQ	50.096	125VA	10300810 9K2TQ 53 Q
10310804 9K2TQ 53 Q	50.005 B JA1VOK			10071222 OH0RJ 59+>IO53	B E1730	10071468 ES2RW 59A CQ	50.096	125VA	10310804 9K2TQ 53 Q
10310808 9K2TQ SSB CQ	50.005 B JA1VOK			10071223 OH0RJ 59+>IO53	B E1730	10071469 ES2RW 59A CQ	50.096	125VA	10310808 9K2TQ SSB CQ
10310808 9K2TQ SSB CQ	50.005 B JA1VOK			10071224 OH0RJ 59+>IO53	B E1730	10071470 ES2RW 59A CQ	50.096	125VA	10310808 9K2TQ SSB CQ
10311421 9K2TQ/J1ETU	50.085 B JG3LEB			10071225 OH0RJ 59+>IO53	B E1730	10071471 ES2RW 59A CQ	50.096	125VA	10311421 9K2TQ/J1ETU
MYANMAR (BURMA)		CROATIA		ESTONIA		GERMANY		ITALY	
10010830 XZ7A		10071226 OH0RJ 59+>IO53	50.115 G8BGS	10081026 OH0RJ 59+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10010830 XZ7A
10011432 XZ7A SSB		10071227 OH0RJ 59+>IO53	50.115 G8BGS	10081027 OH0RJ 59+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10011432 XZ7A SSB
10030645 XZ7A >PM64		10071228 OH0RJ 59+>IO53	50.115 G8BGS	10081028 OH0RJ 59+>IO53	B E1730	10071457 ES2RW 59A CQ	50.096	125VA	10030645 XZ7A >PM64
10040403 XZ7A >Q009		10071229 OH0RJ 59+>IO53	50.115 G8BGS	10081029 OH0RJ 59+>IO53	B E1730	10071458 ES2RW 59A CQ	50.096	125VA	10040403 XZ7A >Q009
10040426 XZ7A >PM54		10071230 OH0RJ 59+>IO53	50.115 G8BGS	10081030 OH0RJ 59+>IO53	B E1730	10071459 ES2RW 59A CQ	50.096	125VA	10040426 XZ7A >PM54
10040514 XZ7A >Q009		10071231 OH0RJ 59+>IO53	50.115 G8BGS	10081031 OH0RJ 59+>IO53	B E1730	10071460 ES2RW 59A CQ	50.096	125VA	10040514 XZ7A >Q009
10040521 XZ7A >Q009		10071232 OH0RJ 59+>IO53	50.115 G8BGS	10081032 OH0RJ 59+>IO53	B E1730	10071461 ES2RW 59A CQ	50.096	125VA	10040521 XZ7A >Q009
10050813 XZ7A >Q009		10071233 OH0RJ 59+>IO53	50.115 G8BGS	10081033 OH0RJ 59+>IO53	B E1730	10071462 ES2RW 59A CQ	50.096	125VA	10050813 XZ7A >Q009
10050904 XZ7A >Q009		10071234 OH0RJ 59+>IO53	50.115 G8BGS	10081034 OH0RJ 59+>IO53	B E1730	10071463 ES2RW 59A CQ	50.096	125VA	10050904 XZ7A >Q009
10051123 XZ7A >Q009		10071235 OH0RJ 59+>IO53	50.115 G8BGS	10081035 OH0RJ 59+>IO53	B E1730	10071464 ES2RW 59A CQ	50.096	125VA	10051123 XZ7A >Q009
VIETNAM		DODECANES IS		ESTONIA		GERMANY		ITALY	
10210630 XV3AA	>PM96	10181137 SV5SIX 519+>J090	50.016 B SP9DSD	10081013 ES0SIX 519+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10210630 XV3AA
10286555 XV3AA	SSB	50.130 S JA1VOK		10081014 ES0SIX 519+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10286555 XV3AA
VIETNAM		ENGLAND		ESTONIA		GERMANY		ITALY	
10010700 3W2CS CW	50.110 JG3LEB	10061146 G4WXX 55 >JN52LR	50.168 IK5RLP	10081013 ES0SIX 519+>IO53	B E1730	10071455 ES2RW 59A CQ	50.096	125VA	10010700 3W2CS CW
10010701 3W2CS UP	50.105 JA1WLO	10061152 G4WXX 55 >JN52LR	50.168 IK5RLP	10081014 ES0SIX 519+>IO53	B E1730	10071456 ES2RW 59A CQ	50.096	125VA	10010701 3W2CS UP
10010702 3W2CS UP	50.105 JA3B3G	10061153 G4WXX 55 >JN52LR	50.168 SP9C9D	10081015 ES0SIX 519+>IO53	B E1730	10071457 ES2RW 59A CQ	50.096	125VA	10010702 3W2CS UP
10010717 3W2CS	>PM64	10061154 G4WXX 55 >JN52LR	50.168 SP9C9D	10081016 ES0SIX 519+>IO53	B E1730	10071458 ES2			

## GOZO Is.

10191041 9H3XSG 539 CQ 50.100 PA00 10260940 1K3CHK 59/59 JN55UR LARRY C G4UFS  
10191106 9H3XSG 559/539 JN75GV>J032 DG9YIH 10260948 1SMXX 59/59 >IO80JV H G4UFS  
10260948 1K6CHX 59/59 >IO80JV H G4UFS  
10260951 1Z4ZFAU 59/59 JN45ML FAUSTO S G4UFS  
10260959 1Z1EPA 59/59 JN35TB FREI C G4UFS  
10261000 1Z1EPA 59/59 IKSZUL 559 B G4UFS  
10261000+IK5XCT, 1Z5BEN, 1IZL H G4UFS  
10261005 1K0PTA 59/59 JN12KZ H G4UFS  
10261015 1K0PTA 59/59 JN12KZ H G4UFS  
10261015+1G4D 599 >IO80JV C G4UFS  
10261015+1G4D 599 >IO80JV C G4UFS  
10261045 1O3JY 559 >IO80JV B G4UFS  
10291159 1N3KLU 57 JN56R9>IM88MV EAS4G  
10301701 1K7IMU 59 JN96>JN90 50.150 F5GTR  
10302155 1Z1EPM 57A>JN48 50.101 DL1YD  
10302216 1W3DS 57A>JN48 50.096 DL1YD  
10302234 14YSS 59A JN45>J051GO 1.02 DK5AI  
10301101 1Z1EPM QTF 150\* 50.098 G0FQO

## GREECE

10060951 8V1XIS 559 KM17>JN80B 50.135 PA2V  
10060958 8V1XIS 539 KM17>JN80 50.040 B SP6MLK  
10061150 8V1XIS 54J>JN16 50.038 B FA4RJ  
10061202 8V1DH 579>JN35 50.110 PE1AZJ  
10070828 8V1XIS 519 50.040 B SP6MLK  
10091324 8V1DH 599 KM18>JN86B 1.10 9A8A  
10091344 8V1DH 599 KM18>JN86B 50.135 9A8A  
10091346 8V1DH 599 KM17>JN80B 50.115 9A8A  
10091352 8V1DH 599 KM18>JN76 Es 55\*P  
10091359 8V1QYQ 59/59 KM18>JN76 Es 55\*P  
10091403 8V1YQG 59/59 KM18>JN76 50.143 9A3SM  
10091421 8V1XIS 599>JN88B 50.040 B OE3MNS  
10091447 8V1XIS 599>JN76QX 50.040 B 553AK  
10091459 8V1XIS 599>JN86E 50.040 B 9A7V  
10091529 8V1DH 599 JN88 50.110 B OE3MNS  
10091531 8V1XIS 599>J050F 50.040 B 9A7V  
10091545 8V1XIS 599 KM18>JN86F 50.110 9A4K  
10091553 8V1XIS 599>J041 50.040 B DL8YHR  
10091701 8V1XIS 559 50.040 B SQ9ACH  
10091808 8V1XIS 599>J090 50.040 B SP9UOP  
10181038 8V1OIE 59+ 50.150 LY2B8W  
10181044 8V8OM 50.140 LY2K8W  
10181139 8V1XIS 559 50.040 B SP9SDS  
10181145 8V1XIS 519 KM17>JN80 50.125 SP6MLK  
10181152 8V1XIS 599 KM17>JN70Z 50.125 D6D6KX  
10181154 8V1XIS >J080 50.040 B SP6MLK  
10221216 8V1XIS 599 KM17>JN70Z 50.125 PE1EWS  
10231219 8V1HQL 55 Es 50.110 1W1AZJ  
10251231 8V1XIS >JN35 Es 50.040 B 1Z1EPM  
10260945 8V8CR 55/59 KM39 -0955 C G4UFS  
10291023 8V1XIS 599>IN JN450A 50.040 B 1ZWSG  
10291052 8V1XIS >JN35 50.040 B 1Z1EPM  
10291118 8V1XIS 599 KM17UX>JN78CJ 50.056 BES5ML  
10301233 8V1DH 519>J040 50.110 TR8CA

## ICELAND

10301749 TPF6SIX 52R WEAK AUE 50.059 B SM3GSK

## IRELAND

10071056 E1Z2D IO63 50.120 GB3MWS  
10071105 E1Z3D IO63 50.133 GB3MWS  
10071137 E1Z2D 1063>JN76 Es 50.147 SS7M  
10071232 E1Z2D 1063>JN76 50.135 1V3HJF  
10281818 E1Z10 55A SSB >IO80JV H G4UFS  
10281825 E1Z7BA 55A CW >IO80JV H G4UFS  
10281958 E1Z2D 55/41 IA1 1064VS>IO80JV W G4UFS  
10282240 E17MBD 59/69A 1063JUH TONY S G4UFS

## ISLE OF MANN

10191040 GD0EMG 50.136 SS9A  
10191058 GD0EMG 50.136 H19YIT  
10191105 GD0EMG 55/59 1074QD ANDY S G4UFS  
10191122 GD0EMG 59+ 50.188 SS9A

## ITALY

10021651 1W9GZL 58 JN56 PANTERELLA QN4LN  
10021653 1W9GZL 59+ JN10 50.120 LD2DR

10061339 1OJX 50.005 B DL3JMA

10061342 1W0PN 59 50.137 H DL3JMA

10061351 1K5RLP 50.168 G4WZK

10071300 1W3FZQ 599 >IO80JV H G4UFS

10071405 1W3FZQ 52/54 JN54 PARMA 50.058 B 1A3IO

10081333 1Q4AD 59/59 1053 50.058 E17IX

10081334 1Z1ERB 51/54+1033 50.019 E17IX

10081825 1K0PTA SERGIO LY VOUD .090 F5JW

10081827 1K0PTA 59/59 JN61>JN80 50.040 C G4UFS

10081828 1Z0DZB 569 >IO80JV H G4UFS

10081830 1QJX 449-559 >IO80JV H G4UFS

10081835 1WQXY 59/59 JN61CJ MAX C G4UFS

10081851 1WQXY 59/59 JN61>1018 50.092 GW3MFY

10081855 1WQXY 59/59 JN61>1018 50.152 H4P4Z

10091116 1WQXY PARMA JN54ZD>JN54B 50.110 B 1E110

10121251 1OJX 559>IO93 50.003 B G5YIN

10121254 1W5MLM 6/6 CQ CQ 50.150 G6YIN

10121301 1Z1EPM 519 50.019 E17IX

10121328 1OJX JN61>J021 50.004 B PA1SIX

10121340 1K0PTA JN61>J021 50.093 PA1SIX

10161851 1H9YIT 50.110 W PY1RO

10190909 1K5RLP 50.167 B02PDR

10190912 1W5MLM 55/59-579 50.160 G013K

10190920 1K0PTA CQ 50 50.170 C01ZD1

10190929 1AC1L 59+>IO93 50.196 G1LNK

10190933 1K0PTA 50.170 PA0ZH

10190934 1W0BET 50.202 DL6LZM

10190937 1K0JX CONTEST 50.153 PA0ZH

10190938 1K5RLP CQ 55-59 50.164 O21DJ

10190941 1K8D8Y 59+>IO93 50.160 G1LNK

10190942 1OJX 50.004 B PA1SIX

10190943 1K5RLP 59+ 50.164 PA1SIX

10190944 1K8D8Y 59 JN71>J041 50.150 DL8YHR

10190946 1H9YIT JN61>J054 50.150 C02JX

10190953 1K0PTA 50.160 ON5SE

10190957 1K0PTA QRO 50.170 ON5SE

10191004 1WQDX CQ 57>JN93 50.143 G1LNK

10191010 1WQDX 559>JN80>Y1205 50.143 G1LNK

10191012 1K5RLP 59+>IO93 50.185 G1LNK

10191019 1K5RLP 59/59 JN61GV>IO80JV S G4UFS

10191025 1OJX 539+IN53 50.004 B EA1EXV

10231323 17FML 579 JN80>J021 50.110 PE1EWS

10231501 1H9YIT CQ 50 50.110 PA4PA

10251237 1K5ZL 539+IN53 50.019 B EA1EXV

10260935 1W3GBO 59/59 JN66OA JOHN S G4UFS

10260936 1W3SOJ 59/59 JN66 RENATO S G4UFS

## LATVIA

10260940 1K3CHK 59/59 JN55UR LARRY C G4UFS

10260948 1SMXX 59/59 >IO80JV H G4UFS

10260948 1K6CHX 59/59 >IO80JV H G4UFS

10260951 1Z4ZFAU 59/59 JN45ML FAUSTO S G4UFS

10260959 1Z1EPA 59/59 JN35TB FREI C G4UFS

10261000 1Z1EPA 59/59 IKSZUL 559 B G4UFS

10261000+IK5XCT, 1Z5BEN, 1IZL H G4UFS

10261005 1K0PTA 59/59 JN12KZ H G4UFS

10261010 1K0PTA 59/59 JN12KZ H G4UFS

10261015 1K0PTA 59/59 JN12KZ H G4UFS

10261015+1G4D 599 >IO80JV C G4UFS

10261015+1G4D 599 >IO80JV C G4UFS

10261045 1O3JY 559 >IO80JV B G4UFS

10261045 1

## SWEDEN

10071013	SM5LE	519	50.103	IK5OEA	10042158	TI2ALF 57 GUS	50.110	K4RX	10230131	HP3XUG W/ CE0Y	50.110	FP1CZ
10071013	SM7YRY	CQ	50.155	IK5YJY	10042223	TI4DJ EK70	50.110	NW5E	10230259	HP3XUG W/ CE0Y >F106	50.110	HCAP3
10121212	SM5LZ	576M	50.230	J OHIFCS	10042224	TI4DX EK70	50.080	B PY2E	10230228	HP3XUG W/ CE0Y >CM88	50.106	K6QXY
10180525	SM7BAE	EM	50.195	JW0000	10042225	TI5P CW	50.110	PY2E	10230229	HP3XUG 59 /59 EJ88>CM88	50.106	S K6QXY
10281813	SM7AED	56A/55A JO65 ARNE	C G4UPS	10190019	TI2NA GOOD SIGNAL,	50.080	B K6FV	10230232	HP3XUG 59 /59 EJ88>CM88	50.106	S K6QXY	
10282203	SM7AED	H G4UPS		10230311	TI2KAC CARLOS, SAN JOSE			10300112	HP2CWB 58 BL29	50.125	K51X	
10282212	SM7FUE	59/59 JO65>108070V BO	S G4UPS	10230312	TI2KAC EJ79	50.110	K6FV	10300113	HP1AC 59 FJ09>EL17AX	50.140	K51X	
10291511	SM7FUE	50.099	SP7HKK	10230319	TI2KAC	50.110	K6FV	10300114	HP1DCP 59 FJ09>EL17AX	50.140	S W5UWB	
10291644	SM7LQB	JQ89>J094 20' 50.143	SP21QW	10292146	TI2NA 599	50.079	B N6KK	10300125	HP1AC 59 FJ09>EL17AX	50.140	S W5UWB	
10292004	SM7PZP	59/59A JF921I-J092	SP3RNZ	10292218	TI5KD 59/59 EJ99>CM88			10300325	HP2CWB >EM13	50.130	K50RQ	
10292212	SM7ELV	55A KEN JO099>J092	SP3RNZ	10292222	TI5KD 59+CENTRAL CAL	50.130	WA6TGL	10300549	HP2CWB F009>EM13	50.140	WW2R	
10292242	SM7LQD	57A K002/J087 50.097	SP5UAF	10292247	TI2NA 579 >CM87	50.080	B K6FV					
10301770	SM7DXV	59A/59A JF0915 0.96	LY2BZAB	10292248	TI2NA 579 >EJ79	50.130	S K6FV					
10301923	SM7DXV	59J JP62>J094 50.092	SP2EQQ	10292257	TI5KD 59 EJ79	50.130	K6FV					
10302141	SM7GIB	57A JO65C>J092 .098	SP3RNZ	10292292	TI2NAK							
10302250	SM7FUE	59A 0* JO65>JN86FJ 94K		10292333	TI2ALF	50.125	K6QXW					

## SWITZERLAND

10071307	HB5LBS	JN47-KHK>108070V	CHRIS	W G4UPS	10030012	TI5KD 59+ OE KEKO	50.110	WA6P4X	1040037	WP4KJQ CQ DX	50.110	FU2WDX
10260940	HB5HSX	589 >I080JV	B G4UPS	10030023	TI2NA 599 >CM87	50.080	YV1D1G	10402331	WP4LNT 57	50.130	W4S0	
10260948	HB5QY	59/59 JN47 PIERRE	C G4UPS	10030024	TI2NA 579 >EJ79	50.130	B K6FV	10500044	WP4LNY CQ DX	50.090	W4S0	
10260948	HB5BLF	59 >I080JV	H G4UPS	10030025	TI2NAK			10501518	WP4KJQ	50.105	PY4OY	
				10030026	TI5KD 59 EJ79 Sc 270* 50.115			10602300	WP4KJQ CQ DX	50.110	PP5LSD	

## UKRAINE

20070747	UT5EG	S2 KN66/J080	50.084	B SP6MLK	10030063	TI5KD KEO EJ79	50.105	K5AM	10292212	TI5KD 59+ OE KEKO	50.110	K6QXW
10070805	UT5EG	59 J04E	50.084	CQ2K	10030064	TI5KD KEO EJ79	50.105	K5AM	10292221	TI5KD 59+ OE KEKO	50.110	K6QXW
10070849	UT5EG	579 KN65>JN67	50.084	B DL3LFA	10030065	TI5KD KEO EJ79	50.105	K5AM	10292224	TI5KD 59+ OE KEKO	50.110	K6QXW
10070853	UT5F	529 KN65>JN29	50.083	ON5SE	10030066	TI5KD KEO EJ79	50.105	K5AM	10292231	TI5KD 59+ OE KEKO	50.110	K6QXW
10070921	UY5HP	559 KN65/559 KN66	50.110	DL6MB	10030067	TI5KD KEO EJ79	50.105	K5AM	10292233	TI5KD 59+ OE KEKO	50.110	K6QXW
10070927	UY5HP	SSB	50.120	PE1M2ZS	10030068	TI5KD KEO EJ79	50.105	K5AM	10292235	TI5KD 59+ OE KEKO	50.110	K6QXW
10070957	UY5HS	559 KN65/559 KN66	50.080	B DL3LFA	10030069	TI5KD KEO EJ79	50.105	K5AM	10292237	TI5KD 59+ OE KEKO	50.110	K6QXW
10071009	UY5HP	559 KN66 ANP7OLY	50.120	DL2ZQG	10030070	TI5KD KEO EJ79	50.105	K5AM	10292239	TI5KD 59+ OE KEKO	50.110	K6QXW
10071016	UY5HP	559 KN66/559 KN450A	50.120	DL2ZQG	10030071	TI5KD KEO EJ79	50.105	K5AM	10292241	TI5KD 59+ OE KEKO	50.110	K6QXW
10071105	UY5QY	SPORADIC OPENING	50.110	B K6AM	10030072	TI5KD KEO EJ79	50.105	K5AM	10292243	TI5KD 59+ OE KEKO	50.110	K6QXW
10071105	UY5QY	59 & QUT >JN54	50.110	B K6AM	10030073	TI5KD KEO EJ79	50.105	K5AM	10292245	TI5KD 59+ OE KEKO	50.110	K6QXW
10071124	UY5QY	59 QSB	50.110	B K6AM	10030074	TI5KD KEO EJ79	50.105	K5AM	10292247	TI5KD 59+ OE KEKO	50.110	K6QXW
10161750	UY5QY	59 QSB	50.110	B K6AM	10030075	TI5KD KEO EJ79	50.105	K5AM	10292249	TI5KD 59+ OE KEKO	50.110	K6QXW
10161829	UY5QD		50.111	B K6AM	10030076	TI5KD KEO EJ79	50.105	K5AM	10292251	TI5KD 59+ OE KEKO	50.110	K6QXW
10180953	UY5QY		50.110	B K6AM	10030077	TI5KD KEO EJ79	50.105	K5AM	10292253	TI5KD 59+ OE KEKO	50.110	K6QXW
10181000	UT5EG	519	50.084	B J01JYK	10030078	TI5KD KEO EJ79	50.105	K5AM	10292255	TI5KD 59+ OE KEKO	50.110	K6QXW
10181122	UD5	SSB JN52 >JN53	50.080	B K6AM	10030079	TI5KD KEO EJ79	50.105	K5AM	10292257	TI5KD 59+ OE KEKO	50.110	K6QXW
10181151	UD5	SSB JN52 >JN53	50.080	B K6AM	10030080	TI5KD KEO EJ79	50.105	K5AM	10292259	TI5KD 59+ OE KEKO	50.110	K6QXW
10181152	UD5	SSB JN52 >JN53	50.080	B K6AM	10030081	TI5KD KEO EJ79	50.105	K5AM	10292261	TI5KD 59+ OE KEKO	50.110	K6QXW
10181232	UY5QY	SSB JN52 >JN53	50.080	B K6AM	10030082	TI5KD KEO EJ79	50.105	K5AM	10292263	TI5KD 59+ OE KEKO	50.110	K6QXW
10181536	UY5QY	59 KJ707>JN86FJ 110	50.080	B K6AM	10030083	TI5KD KEO EJ79	50.105	K5AM	10292265	TI5KD 59+ OE KEKO	50.110	K6QXW
10182341	UT5EG	579 KN66 Es	50.084	B OZ1DJJ	10030084	TI5KD KEO EJ79	50.105	K5AM	10292267	TI5KD 59+ OE KEKO	50.110	K6QXW
10291006	UT5EG	559 KN747AL	50.111	B K6AM	10030085	TI5KD KEO EJ79	50.105	K5AM	10292269	TI5KD 59+ OE KEKO	50.110	K6QXW
10291010	UT5EG	579 KN66LS>JN77JE	50.084	B K6AM	10030086	TI5KD KEO EJ79	50.105	K5AM	10292271	TI5KD 59+ OE KEKO	50.110	K6QXW
10291093	UY5HP	559 KN66HP	50.110	B K6AM	10030087	TI5KD KEO EJ79	50.105	K5AM	10292273	TI5KD 59+ OE KEKO	50.110	K6QXW
10291094	UY5CCS	55 JN52L RQB	50.128	B K5RLE	10030088	TI5KD KEO EJ79	50.105	K5AM	10292275	TI5KD 59+ OE KEKO	50.110	K6QXW
10291095	UY5CCS	CQ CW	50.110	B K5RLE	10030089	TI5KD KEO EJ79	50.105	K5AM	10292277	TI5KD 59+ OE KEKO	50.110	K6QXW
10291106	UT5EG	539>JN61	50.084	B IK0PTA	10031162	TI5KD KEO EJ79	50.105	K5AM	10292279	TI5KD 59+ OE KEKO	50.110	K6QXW

## VATICAN

10171216	HV5PUL	CQ SSB	50.150	IK0PTA
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## WALES

10081102	GW3LBN		50.102	ON6AA
10282234	GW3JXN	59A CW	>I080JV	H G4UPS

## Reports of North America

10290900	KL7DATA	>Q0M5	40.69	B D JAIYOK
10290815	KL7DATA	>Q0M5	40.69	B D JAIYOK
10300210	KL7NO	59 AUE	50.125	VA6ZS
10302300	KL78		>CM88	K6QXY
10302304	AL7JK	559 BP51	50.100	N6KK
10302309	NL7WZK	57 BP71	50.122	N6KK
10302316	AL7JK	CW		K6QXY
10302325	KL7CDG	JIM, ANCHORAGE	50.122	K6QXY
10301613	KL7GLK	>FM29	50.075	B AB1P

## BARBADOS

10300116	8P9HW	53 GK03	50.160	NH7RO
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## BELIZE

10302100	V31MD		>CM88	K6QXY
10302119	V31MD	59	50.110	K6QXY
10302123	V31MD	59	50.110	K6QXY
10302127	V31MD	59	50.110	K6QXY

## BERMUDA

10151355	V9PDDUB	529 >EM75 TN	50.025	B K8WMM
10181807	V9PDDUB	529 >EM75 TN	50.026	B K8WMM
10250344	V9PDDUB	549 FM79>FN31	50.025	B K7BV
10292058	V9PDDUB	52A	50.025	B W1RA

## CANADA

10220049	V6BY	55A PEAK	50.048	B W01TJM
10220500	VE4ARM	AUR EN09>EN82	50.018	B W0UJP
10310019	VE1SKY	FN74	50.150	V2YRU
10310031	VE1XP		>CM87	K6FVY
10310108	VE2HNZ	FN08	50.125	V2YRU
10310124	VE7DXN	CW	50.096	K6FVY

## CAYMAN IS.

10052157	ZF1DC	CQ 59+	50.110	LW6DC
10292212	ZF1RC	57>BL11 HAWAII	50.165	K9PFD
10302100	ZF2P		>CM88	K6QXY
10302201	ZF2BI	NEWIE	50.122	K6GSI
10302246	ZF2BI	CW	50.099	N6CW

## COSTA RICA

10042158	TI2ALF	57 GUS	50.110	K4RX</td

10292130	NEYQ S	SC BCB	225*	>CM88	K6QXY	10160629	VK4APG	>PM96	50.190	S	JH1WHS	10290821	F05RA	559->PM95	50.113	JM1DTF		
102922XX	W6s	Bsc	130*	>CM88	K6QXY	10161201	VK4APG	CW	50.110	H	JA1VOK							
10292338	K16GG	W8AK	50..115	H2PCWB	10180509	VK4JHH	SQ	CW	50.110	H	JA1VOK	10101242	KG6DX	50..110	VR2KW			
10300013	W6 (5)	-0036	Bsc	>EL17AX	W5UWB	10190455	VK4CXQ	CW	50.110	H	JA1VOK	10101242	KG6DX	50..110	VR2ZK			
10302120	-W6s	Bsc	>CM88	K6QXY	10200059	VK4CXQ	CW	50.110	C	W5UWB	10160704	KG6DX	CW	50..110	HL1LTC			
10302326	K6F7P	579	-0005	CN87-BP51	0.50..125	B	AL7JK	10200302	VK4AWH	CW	50.110	H	JA1VOK	10160704	KG6DX	CW	50..110	HL1LTC
10310028	KN6YD	349	0050	CM87-BP51	0.50..097	C	K6F7V	10200302	VK4RGG	SSB	50.058	B	JA1VOK	10160707	KG6DX	CW	50..110	HL1LTC
10312213	NEYQ M	59	WKG	ZL4AAA	0.50..110	N	NH7RO	10200315	VK4JAH	SSB	50.110	H	JA1VOK	10160736	KG6DX	CW	50..120	DSD-COS

## United States, W7

10181155	W7QJ	EME	-24	50.000	H	PA0O	10200101	VK4JAH	559	>EL17	50.105	C	W5UWB	10160807	KG6DX	>PM96 RTTY	50..110	VR2KW
10181206	W7QJ	EME	NICE SIGNAL	50.000	H	LY2BWW	10200118	VK4JAH	55	>EL17	50.105	C	W5UWB	10160831	KG6DX	JOE RTTY	50..099	R JH1WHS
10181207	W7QJ	EME	DBB	50..190	H	LY2BWW	10200118	VK4JAH	55	>EL17	50.105	C	W5UWB	10180258	KH2VL/KHO	59	50..115	S JA1VOK
10190413	A7UJ1	53N	DM44-BN94	0.50..125	N	K4NQS	10200154	VK4PQD	519	>EL17AX	50.110	H	JA1VOK	10242302	KG6DX	SSB	50..110	H JA1VOK
10202216	W7WHP	59	DN44-CN94	0.50..125	N	W7NBH	10200235	VK4TQL	579	>BK29	50.087	B	KH6SX	10312145	KG6DX	59	50..110	XE1KK
10202246	W7WHP	59	DN44-CN74	0.50..125	N	KB7WZL	10200287	VK4AWB	CW	50.110	H	JA1VOK	10312206	KG6DX	GUAM TO KH6	50..115	K9PD/KH6	
10223239	W7KEBZ	59	DN44-BN10	0.50..125	S	NORHL	1022305	VK4CXQ	CW	50.105	H	JA1VOK	10110032	KG6DX	CQ 59	50..110	HL1LTC	
10223243	K7L8S	KC7N1	DN44-BN26	0.50..125	S	W KOETC	10250027	VK4V	TV >WY	46.172	V	W1IPL/7	10110032	KG6DX	CQ 59	50..110	HL1LTC	
10223434	W7QBI	DN43	EM43	0.50..135	S	N0JJK	10261011	VK4CXQ	CW	50.110	H	JA1VOK	10200342	KG6DX	SIG 59	50..110	HL1LTC	
10230057	NK7T	LD25	EM43-BM7	0.50..135	S	N0JJK	10270837	VK4CXQ	CW	50.105	H	JA1VOK	10220040	KH6HME		50..0615	B JA1VOK	
10230067	NK7T	LD25	EM43-BM17	0.50..125	S	N0JJK	10290805	VK4PQD	599+>PM95	46.172	W	KQ0XY	10200404	KH6SX	559+>SA	50..110	PO2WDX	
10319150	W7 OR	WHA	AUR 30*	0.50..125	H	K6QXY	10290403	VK4TQL	59	>PM96	50.120	S	JH1WHS	10099220	KH6H1	CW	50..067	B PZ6CM
10329153	NH7J1	55A	BN82	CM87	0.50..125	H	K6F7V	10290407	VK4W	>PM96	50.120	S	JH1WHS	10150113	KH6SX	CW	50..110	H JA1VOK
1032922X	W7 BSC	130*	>CM88	0.50..125	H	W7BSC	10290410	VK4WRP	>PM96	50.120	S	JH1WHS	10200705	NH7RO	Sc WEAK >EL17	50..100	W5UWB	
10300103	W1 (10)	-0036	BSC	>EL17AX	W5UWB	10270837	VK4AWB	CW	50.110	H	JA1VOK	10200341	KH6SX	CW	50..110	H JA1VOK		
10300167	NK7W	DN43	EM43	0.50..125	S	N0JJK	10311346	VK4PQD	59	>PM95	50.110	R	VR2XMT	10200342	KG6DX	CQ 59 BIG SIG	50..110	HL1LTC

## United States, W8

10173494	KG6VW	BN83	50..125	NW5E	10105054	VK6CSX	559->PM37	50..304	B	HL1LTC	10100504	KH6SX	559->PM37	50..110	B JA1VOK			
10212116	N8PUN	52A	EN65>BN82	0.50..075	B	N8UUP	10106031	VK6CSX	59	>PM37	50..304	B	HL1LTC	10120505	NH7RO	Sc WEAK >EL17	50..100	W5UWB
10220500	N8PUN	52A	EN65>BN82	0.50..075	B	N8UUP	10106130	VK6CSX	CW	50..304	B	HL1LTC	10200507	NH7RO	41/52 SSW WKG CWTY	50..110	C PZ6CM	
10251315	W2B1	559	SC	0.50..125	N	NW5E	10107204	VK6CSX	59	>PM37	50..304	B	HL1LTC	10242343	KH6H1	59/59 BK29 >CM88	50..125	K6QXY
10251915	KBCBZU	EN83-FM16	0.50..125	KG4QMI	10164043	VK6CSX	>PM05	50..304	B	HL1LTC	10242346	NH7RO	59	50..125	N6XQ			
10251921	KBCBZU	EN82-FM16	0.50..125	KG4QMI	10165042	VK6CSX	599->PM37	50..304	B	HL1LTC	10242350	KH6H1	NH7RO	59	50..125	K6QXY		
102922XX	WB8	BN83	130*	>CM88	K6QXY	10170837	VK6CSX	CW	50..304	B	HL1LTC	10242356	NH7RO	59 +	50..140	KB6NAN		
10300049	W2BD	AURORA	EN79	0.50..086	K	NK7W	10180830	VK6CSX	>PM05	50..304	B	HL1LTC	10242359	NH7RO	BK29->PM06	50..140	W6KGP	

## United States, W9

10302331	WB9ER	DM75>EM00	50..150	AA5XE	10171008	VKS4M	>PM96	50..130	S	JH1WHS
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## United States, W0

10212116	KOKP	52A	EN6>EN82	0.50..073	B	N8UUP	10120511	VK6CSX	59	>PM37	50..304	B	HL1LTC	10200507	NH7RO	59 BK29->CM87	50..110	B JA1VOK
10230023	KOKGZ	57	EN10>DM13	0.50..125	N	N6HAL	10120601	VK6CSX	>PM05	50..304	B	HL1LTC	10200513	KH6SX	CW	50..110	H JA1VOK	
10230031	W3MTC	59	DM5	0.50..125	N	N4L1	10120610	VK6CSX	599->PM37	50..304	B	HL1LTC	10200515	NH7RO	41/52 SSW WKG CWTY	50..110	C PZ6CM	
10230152	KOVLY	EM48	EM42	0.50..125	N	K7NN	10120621	VK6CSX	>PM05	50..304	B	HL1LTC	10200517	KH6H1	59/59 BK29 >CM88	50..125	K6QXY	
10230204	N0JK	EM17>DM42	0.50..125	N	K7NN	10120631	VK6CSX	>PM05	50..304	B	HL1LTC	10200519	NH7RO	59 BK29 >CM87	50..110	B JA1VOK		
10230221	KOGU	59	>DL98	0.50..125	N	N6HAL	10120640	VK6CSX	59	>PM37	50..304	B	HL1LTC	10202240	KH6H1	59 BK29->EL17AX	50..110	S W5UWB
10230232	W3MTC	59	>DL98	0.50..064	N	N6HAL	10120645	VK6CSX	59	>PM37	50..304	B	HL1LTC	10202242	KH6H1	BK29	50..110	W5UWB
10230235	KOFLPH	AURORA	FN20	0.50..125	N	N6HAL	10120655	VK6CSX	59	>PM37	50..304	B	HL1LTC	10202244	KH6H1	KH6H1	50..110	W5UWB
10300131	W3MTC	EN34>FN59	144*	0.50..125	N	N6HAL	10120661	VK6CSX	59	>PM37	50..304	B	HL1LTC	10202246	KH6H1	59 BK29->EM10 LA	50..110	W5UWB
10300132	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120675	VK6CSX	59	>PM37	50..304	B	HL1LTC	10202248	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300154	KOFLC	EM07>FN59	144*	0.50..125	N	N6HAL	10120680	VK6CSX	59	>PM37	50..304	B	HL1LTC	10203001	AH6RE	CURT	50..102	K7EY
10300161	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120689	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300116	KH6K9D	EM10	50..105	K7EY
10300165	KOFLC	EM07>FN59	144*	0.50..125	N	N6HAL	10120695	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300193	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300170	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120705	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300194	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300171	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120710	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300195	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300172	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120715	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300196	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300173	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120720	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300197	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300174	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120725	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300198	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300175	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120730	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300199	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300176	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120735	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300200	KH6H1	59 BK29 >CM88	50..110	W5UWB
10300177	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120740	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300201	NH7RO	59 + > DM07	50..110	K7EY
10300178	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120745	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300202	NH7RO	59 + > DM07	50..110	K7EY
10300179	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120750	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300203	NH7RO	59 + > DM07	50..110	K7EY
10300180	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120755	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300204	NH7RO	59 + > DM07	50..110	K7EY
10300181	KOLOU	EM07>FN59	144*	0.50..125	N	N6HAL	10120760	VK6CSX	59	>PM37	50..304	B	HL1LTC	10300205	NH7RO	59 + > DM07	50..110</td	